

Voluntary Industry Reporting Form for 6(a)(2) Adverse Effects Incident Information

-001

Provide all known, required information. If required data field information is unknown, designate as such in appropriate area.

Row 1	Reporter Name	Submission date.	Contact person (if different than reporter)	Internal ID
Administrative Data	Jennifer Greminger	March 26, 2019		206
	Address Monsanto Company Mail Stop C3NA 800 N Lindbergh Blvd. St. Louis, MO 63167		Address	
	Phone #		Phone #	
	Incident Status: New <input checked="" type="checkbox"/> Update <input type="checkbox"/> If update, include date of original submission.	Location and date of incident. (City, County, State) Hatton, Warwickshire, United Kingdom Date: March 11, 2019	Date registrant became aware of incident. March 12, 2019	Was incident part of larger study? Y <input type="checkbox"/> N <input checked="" type="checkbox"/> U <input type="checkbox"/>
Row 2	EPA Registration # (Product 1)		EPA Registration # (Product 2)	
Pesticide(s) Involved	U.K. Reg No. 15539			
	A.I. (s) Glyphosate	A.I. (s)	A.I. (s)	
	Product 1 Name Roundup (unspecified)	Product 2 Name	Product 3&4 Name	
	Exposed to concentrate prior to dilution? Y N U NA	Exposed to concentrate prior to dilution? Y N U NA	Exposed to concentrate prior to dilution? Y N U NA	
	Formulation	Formulation	Formulation	
Row 3	Evidence label directions were not followed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> U <input checked="" type="checkbox"/> Intentional misuse <input checked="" type="checkbox"/>	Incident site: (examples include home, yard, school, industrial, nursery/greenhouse, surface water, commercial turf, building/office, forest/ woods, agricultural (specify crop) right-of-way (rail, utility, highway). Home	Situation (act of using product): (examples include mixing/loading, reentry, application, transportation, repair/ maintenance of application equipment, manufacturing/ formulating). See CARECHEM24 incident report (next page)	
Incident Circumstances	Applicator certified PCO? Yes No U <input checked="" type="checkbox"/>			
	How exposed: (examples include direct contact with treated surface, ingestion, spill, drift, runoff) See CARECHEM24 incident report (next page)	Brief description of incident circumstances. Roundup product container was found open at the scene. As described in the attached call center report, investigators suspected, but could not confirm, that the product was ingested. Monsanto asserts that the alleged symptoms are not known effects of this product.		

DOCUMENTUM

**Human Exposure / Adverse Effect Incidents
Involving Monsanto Agricultural Products**

Reporting Categories: H-A

Reporting Period: March 11, 2019

Substance:	Roundup (Unspecified)
Serial Number:	206 (Internal ID #)
Date:	March 11, 2019
Medical Outcome:	Death H-A
EPA Reg. No.	N/A (UK Reg No. 15539)
Active Ingredients:	Glyphosate
State:	N/A occurred in United Kingdoms
History and Notes:	See Report on following pages.

Emergency Call Report

CARECHEM24

services on the Chemsafe line. I spoke to [REDACTED] who explained that he was at an incident where an individual had died after the suspected ingestion of a chemical product. The caller gave the product name as Roundup.

I established:

- The only product name that the caller had available was Roundup. He was unable to confirm if this was the full product name.
- The 5L open container of the product was the only chemical which had so far been identified at the scene. The amount of product which had been ingested was unknown at this point.
- The caller wished to know what the toxicity of the Roundup product was and whether or not it was likely to have contributed in the death of the individual.
- The caller also wanted to know whether they should be concerned about any off-gassing from the ingestion of the product. If this were the case, would a CBRN body bag be required to transport the body?
- The Fire and Rescue Service at the scene had already investigated the scene by use of gas tight suits. The caller wanted to know whether decontamination by use of water and containment of the equipment sounded suitable.

I advised:

- I had information about the product Roundup, taken from the representative Safety Data Sheet.
- The product was classified as causing serious eye damage and being harmful if inhaled. As such, I would find it very unlikely that the product would have resulted in death through ingestion. However, as the amount ingested was unknown, it could not be ruled out as a certainty.
- If the product involved in the incident was Roundup, I would not expect there to be much off-gassing from ingestion.
- It was possible that the Roundup container may have contained another product. As such, it should be treated as an unknown product with a high level of hazards.
- I agreed that decontamination with water and containment of the equipment would be suitable.
- As the product was unknown at this stage, the level of response and whether a CBRN body bag was required, would be a judgement call which would need to be made by the caller.

I informed [REDACTED] that we represented the manufacturer of the Roundup product for emergency response also and asked if it would be suitable for us to notify them of the incident. He agreed that this would be appropriate, although he highlighted that whilst the involved chemical was suspected to be Roundup, this had not been confirmed. I highlighted that he should call us back should he require any further assistance. Call ended 19:17.

As I did not identify who the manufacturer of the product was, I decided to call [REDACTED] back for some further information.

19:26 I attempted to contact [REDACTED] on [REDACTED] but was unable to connect.

19:32 I attempted to contact [REDACTED] on [REDACTED], but was unable to connect.

19:41 I attempted to contact [REDACTED] on [REDACTED] but was unable to connect.

19:47 I received a call back from [REDACTED] asked him whether he had any further information about the product or the incident.

I established:

- The officers at the scene were not able to identify the manufacturer of the product.
- The individual was found on a chair with his head back, with the container close to him, with the lid off. This is why

Emergency Call Report

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Customer : Bayer Agriculture BVBA Call ID 190311-200500
(Formerly Monsanto Europe)

Incident Severity

NONE

LOW

MEDIUM

HIGH

The Incident Severity is a measure of risk, or harm, to people, property or the environment. It is not designed to be a conclusive measure but may be used as a guide in your own HSE monitoring. To see the criteria we use to determine the Incident Severity, please contact us.

Incident details

Date 11/03/2019
 Time of call [BST] 19:08
 Time call finished [BST] 21:18
 Caller's name [REDACTED]
 Telephone [REDACTED]
 Caller's company Warwickshire Fire and Rescue Service
 Caller's location Hatton, Warwickshire
 Country United Kingdom
 Incident Location Hatton, Warwickshire
 Road Name/No
 Name as given by caller Roundup; Roundup ProBio
 UN Number
 Name from SDS Roundup; Roundup ProBio
 Other sources of information
 Enquiry type ICE call (Chemsafe)
 Caller type Fire Brigade
 Emergency Responder [REDACTED]

Additional details

Caller's fax
 Caller's email
 Caller's role Incident Commander
 Other Contact info
 Language English
 Store number
 Vehicle registration
 Vehicle livery
 Hazchem placard markings
 Container Type 5L bottle
 Driver's name
 Shipper's reference
 Other

Immediate notification

Our Emergency Responders may notify your personnel immediately after an incident, in accordance with your company's instructions

Who was notified of the incident? Dr Burgess

Why was immediate notification made? Serious injury or death

Executive summary

[REDACTED] from Warwickshire Fire and Rescue Service contacted us through the Chemsafe line, which we operate as part of our national role, with regards to an incident. An individual had died after the suspected ingestion of a chemical product, found in a Roundup container. The product container was that of Roundup ProBio. I provided hazard information about the product and advice on the incident.

As the manufacturer of the product was not known, from the Roundup name, I notified Bayer Agriculture BVBA (Formerly Monsanto) of the incident. I passed the details on to Dr Burgess, who informed me that he would get in contact with the Fire Service directly.

Incident details

We received a call from Warwickshire Fire and Rescue Service, as part of our national role for the emergency

Your company subscribes to a 24-hour emergency response service operated by the National Chemical Emergency Centre (NCEC). To obtain information about the service or about NCEC's other solutions in the field of chemical safety consultancy, please call our Customer Care Team +44 (0) 1235 753654 or visit our website: www.the-ncec.co.uk. NCEC is certified to meet the requirements of ISO 9001, ISO 9001:2000 with TickIT Issue 5 and ISO 14001.

NCEC
 from Ricardo-AEA

Emergency Call Report

CARECHEM24



the Fire Service suspected that he had ingested the product.

- As far as they were aware at this point in time, the product involved was still Roundup.
- They had not seen any signs of the body gassing-off.
- The caller wanted to know if it would be worth calling out the Detection, Identification and Monitoring (DIM) team, to try and identify what was in the Roundup bottle.
- They were going to re-commit the fire crew into the scene and set up monitoring.
- The caller was happy for his details to be passed on to the manufacturer of the product, however, he informed me that he would prefer to liaise directly with Chemsafe at this point.

I advised:

- That calling in the DIM team to try and identify the product was a good idea. Especially as I believed it unlikely for the Roundup product to be the direct cause of the fatality.
- Monitoring the area for off-gassing would also be a sensible precaution.
- I would get in contact with the manufacturer of the Roundup product and make them aware of the incident.

Call ended 19:53.

As the caller did not directly identify a manufacturer of the product, from the Roundup name given, I decided to notify Bayer Agriculture BVBA (Formerly Monsanto Europe).

19:56 I contacted Dr Burgess on 07817 605 108 and explained the purpose of my call. I highlighted that the call was received through our Chemsafe line, as part of our national role. I provided Dr Burgess with the details of the call and informed him of the advice which I had provided. I agreed that he did not expect the product to be the cause of death. I also explained that the Fire Service were happy to liaise with Chemsafe directly at this point. Dr Burgess thanked me for my call. Call ended 20:03.

20:31 My colleague [REDACTED] received a call back from [REDACTED] and transferred the call through to me.

[REDACTED] was calling to provide me with some more information about the incident and for some assistance in reviewing the level of risk.

I established:

- The exact product name was provided as Roundup ProBio.
- They suspected that the individual had ingested approximately 0.5 to 1 L of the product, as there seemed to be about 1 to 2 L of the product missing from the container. He wanted to know how toxic it was likely to have been if that amount was ingested.
- There had been no sign of off-gassing of toxic gasses from the body nor the container, based on the monitoring that had been carried out.
- There was another number on the bottle for 'National Poisons'. The caller asked if this would be worth calling, or if we had another direct number for the company.
- The fire service were no longer going to commit crews into the scene with liquid tight suits, but rather just with self-contained Breathing Apparatus (BA), due to the reduced risk.
- The fire service were looking to hand over the incident to the police and as a result wanted to provide them with as much hazard information as possible.

I advised:

- Roundup ProBio, was not classified as having any associated hazards, to which I suggested that it was even less likely to have been the cause of death.
- I would not be able to provide accurate information on how toxic the product would be when ingested in those



quantities.

- It may be worth calling the number on the bottle for more information on the product. I also offered to get back in contact with the manufacturer to see what further information about the toxicity they could provide.
- That the call to reduce the levels of Personal Protective Equipment (PPE) was a judgement call. However, I highlighted the possibility that the product still may not be what was on the container label and that this should be considered while making the decision.

I reiterated that at this point, my advice would be to treat the product as unknown and as a result, a high hazard level of response would be required, until proven otherwise. [REDACTED] thanked me for my assistance. Call ended 20:46.

I decided to notify Dr Burgess again, to update him of the incident.

21:12 I contacted Dr Burgess on 07817 605 108 and provided him with the updates of the incident. He explained that in the quantities suggested, it could have been possible that the Roundup ProBio may have caused the fatality. I provided Dr Burgess with the contact details for [REDACTED]. He informed me that he would contact him directly to discuss the situation further. He thanked me for my call. Call ended 21:18.

Further actions recommended

Personal privacy information